# **Commonwealth of Kentucky**

Natural Resources and Environmental Protection Cabinet
Department for Environmental Protection
Division for Air Quality
803 Schenkel Lane
Frankfort, Kentucky 40601
(502) 573-3382

# AIR QUALITY PERMIT

**Permittee Name:** Progress Rail Services Corporation

Mailing Address: 1600 Progress Drive, Albertville, AL 35950

**Source Name:** Progress Rail Services Corporation

Mailing Address: 8587 Railroad Drive

Covington, KY 41015-0399

Source Location: 8587 Railroad Drive, Covington, KY

Permit Type: Federally-Enforceable Review Type: Title V, Synthetic Minor

Permit Number: V-98-038 Log Number: E860

**Application** 

Complete Date: February 13, 1997

KYEIS ID #: 079-2020-0154 AFS Plant ID #: 21-117-00154

**SIC Code:** 4789

Region: Florence County: Kenton

**Issuance Date: Expiration Date:** 

John E. Hornback, Director Division for Air Quality

DEP7001 (1-97) Revised 8/18/98

# TABLE OF CONTENTS

<u>SECTION</u>		<u>DATE</u> <u>OF ISSUANCE</u>	PAGE
SECTION A	PERMIT AUTHORIZATION		1
SECTION B	EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS		2
SECTION C	INSIGNIFICANT ACTIVITIES		15
SECTION D	SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS		16
SECTION E	SOURCE CONTROL EQUIPMENT OPERATING REQUIREMENTS		17
SECTION F	MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS		18
SECTION G	GENERAL CONDITIONS		21
SECTION H	ALTERNATE OPERATING SCENARIOS	25	
SECTION I	COMPLIANCE SCHEDULE		25

**Permit Number:** <u>V-98-038</u> **Page:** <u>1</u> **of** <u>25</u>

## **SECTION A - PERMIT AUTHORIZATION**

Pursuant to a duly submitted application which was determined to be complete on February 13, 1997, the Kentucky Division for Air Quality hereby authorizes the construction and operation of the equipment described herein in accordance with the terms and conditions of this permit. This draft permit has been issued under the provisions of Kentucky Revised Statutes Chapter 224 and regulations promulgated pursuant thereto.

The permittee shall not construct, reconstruct, or modify any affected facilities without first having submitted a complete application and receiving a permit for the planned activity from the permitting authority, except as provided in this permit or in the Regulation 401 KAR 50:035, Permits.

Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by this Cabinet or any other federal, state, or local agency.



**Permit Number:** <u>V-98-038</u> **Page:** <u>2</u> **of** <u>25</u>

# SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

01 (01) Grit Blast Booth

**Description:** Steel grit or Coal Slag abrasive material

Date Installed: December 1991

Controls: Enclosed blast room, 100% capture

Pulse-jet Collector using paper cartridges

#### **APPLICABLE REGULATIONS:**

401 KAR 59:010, New process operations which commenced on or after July 2, 1975.

#### 1. **Operating Limitations:**

The grit blast booth shall be operated only when the baghouse is operating properly, as indicated by the pressure drop across the baghouse, except that the permittee may operate the grit blast booth when the pressure drop is outside of the range, measured during the most recent performance test for efficiency of the baghouse, for a period not to exceed 3 hours, after which the baghouse shall be operating with the pressure drop within the range measured during the most recent performance test for efficiency of the baghouse or the booth shall be shut down until the baghouse is operating properly.

#### 2. Emission Limitations:

a. Pursuant to 401 KAR 59:010, Section 3(2), emissions of particulate matter shall not exceed the value calculated by the equation:

$$E_{Allowable} = 3.59 P^{0.62}$$

where  $E_{\text{Allowable}}$  = rate of particulate emission, lb/hr

 $P = \text{process weight rate of grit used and paint removed/emitted, tons/hr, calculated by the equation below$ 

$$P\left(\frac{ton}{hr}\right) = \frac{\left[grit\ usage\left(\frac{lb}{month}\right) + \frac{railcars}{month} * 1148.57\frac{lb\ paint\ emitted}{railcar}\right] * \frac{ton}{2000\ lb}}{Monthly\ hours\ of\ operation\left(\frac{hr}{month}\right)}$$

Derivation of paint emitted emission factor:

$$1148.57 \frac{lb \ paint \ emitted}{railcar} = \frac{1 \ hr}{railcar} * \left[ 5 \frac{gr}{ft^3} * \frac{lb}{7000 \ gr} * 26800 \ cfm * 60 \frac{m}{hr} \right]$$

#### **Compliance demonstration method:**

Compliance will be determined by monitoring of the baghouse pressure drop, monthly calculations, and recordkeeping:

i. The grit blasting booth is assumed to be in continuous compliance between calculations of emissions at all times that the baghouse is working properly, as indicated by pressure drop.

**Permit Number:** <u>V-98-038</u> **Page:** <u>3</u> **of** <u>25</u>

# SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

### 01 (01) Grit Blast Booth (continued)

ii. Compliance shall be determined monthly by comparing the actual particulate emissions  $(E_{\text{Actual}})$  calculated from the equation below to the allowable emissions limit  $(E_{\text{Allowable}})$  calculated from the equation above.

$$E_{Actual}(\frac{lb}{hr}) = \frac{\frac{railcars}{month} * 1148.57 \frac{lb \ paint \ emitted}{railcar}}{Monthly \ hours \ of \ operation} (\frac{hr}{month}) * [1 - Eff]$$

where Eff = control efficiency of baghouse from most recent performance test

b. Pursuant to 401 KAR 59:010 (3)(1)(a), Standards for Particulate Matter, there shall be no visible emissions greater than or equal to 20% opacity.

# **Compliance demonstration method:**

The grit blasting booth is assumed to be in continuous compliance with no compliance demonstration necessary at all times that the baghouse is working properly, as indicated by pressure drop, except during startup, shutdown, or malfunction, when compliance will be determined by visible emissions testing.

#### 3. Testing Requirements:

- a. The permittee shall perform a Reference Method 5 test for the emission rate of particulate matter pursuant to Regulations 401 KAR 59:010 4(1), Test Methods and Procedures:
  - i. Initially on the inlet and outlet of the filter in order to determine the efficiency of the baghouse within 90 days of issuance of this permit.
  - ii. At all times that the Division may require it.
- b. The permittee shall measure the pressure drop range of the baghouse during the Reference Method 5 performance test for efficiency of the baghouse.
- c. Pursuant to Regulations 401 KAR 59:010 (4)(6), Test Methods and Procedures, if the Division requires it, the permittee to perform a Kentucky Method 150 (F-1) test to determine the opacity of intermittent emissions.

#### 4. Specific Monitoring Requirements:

- a. The permittee shall monitor the following parameters:
  - i. The permittee shall install, calibrate, maintain, and operate according to manufacturer's specification a monitoring device, equipped with an audible alarm, to continuously measure the pressure drop across the baghouse.
  - ii. The permittee shall record once daily in a log the pressure drop across the baghouse during operation of the booth.
- b. The permittee shall perform a monthly maintenance inspection of the baghouse.
- c. If the pressure drop is outside the range measured during the most recent performance test for efficiency of the baghouse, as indicated by the alarm or daily manual check, the permittee shall:
  - i. Perform a maintenance inspection of the baghouse, and

**Permit Number:** <u>V-98-038</u> **Page:** <u>4</u> **of** <u>25</u>

# SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

### 01 (01) Grit Blast Booth (continued)

- ii. Perform a visual emissions inspection (noting color, duration, density (dark or light) and cause of any emissions) of the grit blast room exhaust vents once each hour during operation of the booth until the pressure drop is within the range measured during the most recent performance test for efficiency of the baghouse.
- d. During periods of startup, shutdown, or malfunction, the permittee shall perform a visual emissions inspection (noting color, duration, and density (dark or light)) of the grit blast room exhaust vents once each hour during operation of the booth.

### 5. Specific Recordkeeping Requirements:

The permittee shall maintain records of the following information:

- a. Design and/or manufacturer's specifications for the baghouse including manufacturer/vendor recommended operating pressure drop.
- b. The operational procedures and preventive maintenance records for the baghouse.
- c. The results of the most recent performance test for efficiency of the baghouse including the pressure drop range measured during the test.
- d. A log of the daily measured pressure drops across the baghouse.
- e. A log of all occurrences of pressure drop alarm activation, the cause of the alarm, and any corrective actions taken.
- f. The occurrence and duration of all times that the booth is in operation while the baghouse pressure drop is outside the range measured during the most recent performance test for efficiency of the baghouse.
- g. The results of any maintenance inspections.
- h. The results of any visible emissions or opacity tests.
- i. The daily and monthly usage of each abrasive material.
- i. The daily and monthly hours of operation of the grit blasting facility.

#### **6. Specific Reporting Requirements:** None

#### 7. Specific Control Equipment Operating Conditions:

- a. The permittee shall operate and maintain the baghouse in accordance with manufacturer's specifications and/or standard operating procedures at all times the grit blast booth is in operation.
- b. The baghouse is working properly when the pressure drop is within the range measured during the most recent performance test for efficiency of the baghouse.

## **8.** Alternate Operating Scenarios: None

**Permit Number:** <u>V-98-038</u> **Page:** <u>5</u> **of** <u>25</u>

# SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

02-01,02 (02) Spray Paint Booth operation

**Description:** Manually-operated airless spray guns

Generic Paint System: 20 gal/hr maximum capacity

50% transfer efficiency

02-03 (02) Clean-up Solvent
Description: Solvent blend

Date Installed: December 1991

Controls: 2 banks of overspray collectors using glass fiber cartridge filters

#### **APPLICABLE REGULATIONS:**

401 KAR 59:010, New process operations which commenced on or after July 2, 1975.

401 KAR 59:225, New miscellaneous parts and products surface coating operations which commenced on or after February 4, 1981 and is located in a county designated in 401 KAR 51:010 as nonattainment for ozone for any classification except marginal.

#### 1. Operating Limitations:

a. Pursuant to Regulation 401 KAR 59:225 Section 6(1)(b), the volatile organic compounds (VOC) content of any coating, as applied, (excluding water or exempt solvent or both) used in the process shall not equal or exceed 3.5 lbs/gal in order to preclude applicability of the control requirements of 401 KAR 59:225 Section 3. Clean-up solvent is not considered a coating.

## **Compliance demonstration method:**

Compliance will be determined through recordkeeping and reporting.

b. The spray paint booth shall be operated only when the filter bank is operating properly, as indicated by the pressure drop across the filter bank, except that the permittee may operate the spray paint booth when the pressure drop is outside of the range measured during the most recent performance test for efficiency of the baghouse for a period not to exceed 3 hours, after which the filter bank shall be operating with the pressure drop within the range or the booth shall be shut down until the filter bank is operating properly.

#### 2. Emission Limitations:

a. Pursuant to Regulation 401 KAR 59:010 Section 3(2), emissions of particulate matter shall not exceed 2.34 lbs/hr.

#### **Compliance demonstration method:**

Compliance will be determined by monitoring of the filter bank pressure drop, monthly calculations, and recordkeeping:

- i. The spray paint booth is assumed to be in continuous compliance between calculations of emissions at all times that the filter bank is working properly, as indicated by pressure drop.
- ii. Compliance shall be determined monthly by comparing the actual particulate emissions  $(E_{Actual})$  calculated from the equation below to the allowable emissions limit above.

**Permit Number:** <u>V-98-038</u> **Page:** <u>6</u> **of** <u>25</u>

# SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

### 02-01,02,03 (02) Spray Paint Booth operation (continued)

$$E_{Actual}(\frac{lb}{hr}) = \frac{\sum [Monthly\ paint\ usage\ (\frac{gallons}{month}) * \frac{lb\ solids}{gallon}] * (1-50\%\ transfer\ efficiency)}{Monthly\ hours\ of\ operation\ (\frac{hr}{month})} * [1-Eff]$$

where Eff = control efficiency of filter bank from most recent performance test

b. Pursuant to 401 KAR 59:010 (3)(1)(a), Standards for Particulate Matter, there shall be no visible emissions greater than or equal to 20% opacity.

## **Compliance demonstration methods:**

The spray paint booth is assumed to be in continuous compliance with no compliance demonstration necessary at all times that the filter bank is working properly, as indicated by pressure drop, except during startup, shutdown, or malfunction, when compliance will be determined by visible emissions testing.

c. See General Condition 1 of SECTION D for annual VOC emission limit.

## 3. <u>Testing Requirements</u>:

- a. The permittee shall perform a Reference Method 5 test for the emission rate of particulate matter pursuant to Regulations 401 KAR 59:010 4(1), Test Methods and Procedures:
  - i. Initially on the inlet and outlet of the filter in order to determine the efficiency of the filter bank within 90 days of issuance of this permit.
  - ii. At all times that the Division may require it.
- b. The permittee shall measure the pressure drop range of the filter bank during the initial Reference Method 5 performance test for efficiency of the filter.
- c. Pursuant to Regulations 401 KAR 59:010 (4)(6), Test Methods and Procedures, the Division may require the permittee to perform a Kentucky Method 150 (F-1) test to determine the opacity of intermittent emissions.
- d. Pursuant to Regulations 401 KAR 59:225 (4)(4), Compliance, if the Division requires it, the permittee to use Reference Method 24, or other methods approved by the Division, to verify that the coatings used at an affected facility meet the exemption requirements in 401 KAR 59:225 (6).

#### 4. Specific Monitoring Requirements:

- a. The permittee shall monitor the following parameters:
  - i. The permittee shall install, calibrate, maintain, and operate according to manufacturer's specification a monitoring device, equipped with an audible alarm, to continuously measure the pressure drop across the filter bank.
  - ii. The permittee shall record once daily in a log the pressure drop across the filter bank during operation of the booth.
- b. The permittee shall perform a monthly maintenance inspection of the filter bank.

**Permit Number:** <u>V-98-038</u> **Page:** <u>7</u> **of** <u>25</u>

# SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

#### 02-01,02,03 (02) Spray Paint Booth operation (continued)

- c. If the pressure drop is outside the range measured during the most recent performance test for efficiency of the baghouse, as indicated by the alarm or daily manual check, the permittee shall:
  - i. Perform a maintenance inspection of the filter, and
  - ii. Perform a visual emissions inspection (noting color, duration, density (dark or light) and cause of any emissions) of the spray paint room exhaust vents once each hour during operation of the booth until the pressure drop is within the range measured during the most recent performance test for efficiency of the baghouse.
- d. During periods of startup, shutdown, or malfunction, the permittee shall perform a visual emissions inspection (noting color, duration, and density (dark or light)) of the spray paint room exhaust vents once each hour during operation of the booth until the filter bank is operating properly.

# 5. Specific Recordkeeping Requirements:

- a. The permittee shall maintain records of the following information:
  - i. Design and/or manufacturer's specifications for the filter bank including manufacturer/vendor recommended operating pressure drop.
  - ii. The operational procedures and preventive maintenance records for the filter bank.
  - iii. The results of the most recent performance test for efficiency of the filter bank including the pressure drop range measured during the test.
  - iv. A log of the daily measured pressure drops across the filter bank.
  - v. A log of all occurrences of pressure drop alarm activation, the cause of the alarm, and any corrective actions taken.
  - vi. The occurrence and duration of all times that the booth is in operation while the baghouse pressure drop is outside the range measured during the most recent performance test for efficiency of the baghouse.
  - vii. The results of any maintenance inspections.
  - viii. The results of any visible emissions or opacity tests.
  - ix. The solids content as applied in each coating
  - x. The daily and monthly hours of operation of the stencil room painting.
- b. Pursuant to 401 KAR 59:225 (4)(8), Compliance, daily records shall be maintained by the permittee for 5 years (according to General Condition 2 under SECTION F). These records shall be made available to the Division or the U.S. EPA upon request. The daily records shall include, but not be limited to, the following:
  - i. Applicable administrative regulation number
  - ii. Application method and substrate type
  - iii. Amount and type of adhesive, coating, or solvent used at each point of application, including exempt compounds
  - iv. The VOC content as applied in each adhesive, coating, or solvent
  - v. The date for each application for adhesive, coating, or solvent
  - vi. The amount of surface preparation, cleanup, or washup solvent (including exempt compounds) used and the VOC content of each; and
  - vii. Oven temperature, if applicable.

**Permit Number:** <u>V-98-038</u> **Page:** <u>8</u> **of** <u>25</u>

# SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

# 02-01,02,03 (02) Spray Paint Booth operation (continued)

# 6. Specific Reporting Requirements:

See General Condition 2 under SECTION D for monthly VOC emissions reporting.

### 7. Specific Control Equipment Operating Conditions:

- a. The permittee shall operate and maintain the filter bank in accordance with manufacturer's specifications and/or standard operating procedures at all times the spray paint booth is in operation.
- b. The filter bank is working properly when the pressure drop is within the range measured during the most recent performance test for efficiency of the baghouse.

# **8.** Alternate Operating Scenarios: None



**Permit Number:** <u>V-98-038</u> **Page:** <u>9</u> **of** <u>25</u>

# SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

05-01,02 (--) Stencil Room Painting

**Description:** Manually-operated air guns, spray cans and brushes

05-03(--)Clean-up SolventDescription:Solvent blendDate Installed:April 1992

Controls: None

#### **APPLICABLE REGULATIONS:**

401 KAR 59:010, New process operations which commenced on or after July 2, 1975.

401 KAR 59:225, New miscellaneous parts and products surface coating operations which commenced on or after February 4, 1981 and is located in a county designated in 401 KAR 51:010 as nonattainment for ozone for any classification except marginal

### 1. **Operating Limitations**:

Pursuant to Regulation 401 KAR 59:225 Section 6(1)(b), the volatile organic compounds (VOC) content of any coating, as applied, (excluding water or exempt solvent or both) used in the process shall not equal or exceed 3.5 lbs/gal in order to preclude applicability of control requirements of 401 KAR 59:225 Section 3. Clean-up solvent is not considered a coating.

### **Compliance demonstration method:**

Compliance will be determined through recordkeeping and reporting.

#### 2. Emission Limitations:

a. Pursuant to Regulation 401 KAR 59:010 Section 3(2), emissions of particulate matter shall not exceed 2.34 lbs/hr.

#### **Compliance demonstration method:**

Compliance will be determined by recordkeeping and monthly calculations:

- i. The stencil room painting is assumed to be in continuous compliance between calculations of emissions.
- ii. Compliance shall be determined monthly by comparing the actual particulate emissions  $(E_{\text{Actual}})$  calculated from the equation below to the allowable emissions limit above.

$$E_{Actual}(\frac{lb}{hr}) = \frac{\sum [Monthly\ paint\ usage\ (\frac{gallons}{month})*\frac{lb\ solids}{gallon}]*(1-50\%\ transfer\ efficiency)}{Monthly\ hours\ of\ operation\ (\frac{hr}{month})}$$

b. Pursuant to 401 KAR 59:010 (3)(1)(a), Standards for Particulate Matter, there shall be no visible emissions greater than or equal to 20% opacity.

### **Compliance demonstration methods:**

The stencil room painting is assumed to be in continuous compliance at all times with no compliance demonstration necessary.

**Permit Number:** <u>V-98-038</u> **Page:** <u>10</u> **of** <u>25</u>

# SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

### 05-01,02,03 (--) Stencil Room Painting (continued)

c. See General Condition 1 of SECTION D for annual VOC emission limit.

## 3. <u>Testing Requirements</u>:

- a. Pursuant to Regulations 401 KAR 59:010 4(1), Test Methods and Procedures, if the Division requires it, the permittee to perform a Reference Method 5 test to determine emission rate of particulate matter.
- b. Pursuant to Regulations 401 KAR 59:010 (4)(6), Test Methods and Procedures, if the Division requires it, the permittee to perform a Kentucky Method 150 (F-1) test to determine the opacity of intermittent emissions.
- c. Pursuant to Regulations 401 KAR 59:225 (4)(4), Compliance, if the Division requires it, the permittee to use Reference Method 24, or other methods approved by the Division, to verify that the coatings used at an affected facility meet the exemption requirements in 401 KAR 59:225 (6).
- 4. Specific Monitoring Requirements: None

# 5. Specific Recordkeeping Requirements:

- a. The permittee shall maintain records of the following information:
  - i. The solids content as applied in each coating
  - ii. The daily and monthly hours of operation of the stencil room painting.
- b. Pursuant to 401 KAR 59:225 (4)(8), Compliance, daily records shall be maintained by the permittee for 5 years (according to General Condition 2 under SECTION F). These records shall be made available to the Division or the U.S. EPA upon request. The daily records shall include, but not be limited to, the following:
  - i. Applicable administrative regulation number
  - ii. Application method and substrate type
  - iii. Amount and type of adhesive, coating, or solvent used at each point of application, including exempt compounds
  - iv. The VOC content as applied in each adhesive, coating, or solvent
  - v. The date for each application for adhesive, coating, or solvent
  - vi. The amount of surface preparation, cleanup, or washup solvent (including exempt compounds) used and the VOC content of each; and
  - vii. Oven temperature, if applicable.

## 6. Specific Reporting Requirements:

See General Condition 2 under SECTION D for monthly VOC emissions reporting.

- 7. Specific Control Equipment Operating Conditions: None
- **8.** Alternate Operating Scenarios: None

**Permit Number:** <u>V-98-038</u> **Page:** <u>11</u> **of** <u>25</u>

# SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

06 (--) Bucket Parts Washer

**Description:** Located in kitchen in existing shop

Cold Cleaner

Solvent volatility greater than 32 mmHg @ 100°F

Date Installed: March 1997

Controls: Design and operating requirements listed below

#### **APPLICABLE REGULATIONS:**

401 KAR 59:185, New solvent metal cleaning equipment which commenced operation on or after June 2, 1979 and is located in a county designated in 401 KAR 51:010 as nonattainment for ozone for any classification except marginal

## 1. **Operating Limitations:**

- a. Pursuant to 401 KAR 59:185 Section 3, Standard for Volatile Organic Compounds, and Section 4(1), Cold Cleaners, the permittee shall install, maintain and operate the following control equipment:
  - i. The cleaner shall be equipped with a cover designed so that it can be easily operated with one hand.
  - ii. The cleaner shall be equipped with a drainage facility so that solvent that drains off parts removed from the cleaner will return to the cleaner. The drainage facility may be external if the Division determines that an internal type cannot fit into the cleaning system.
  - iii. A permanent, conspicuous label, summarizing the operating requirements specified in subsection (2) of this section shall be installed on or near the cleaner.
  - iv. The solvent spray shall be a fluid stream (not a fine, atomized or shower type spray) and at a pressure which does not cause excessive splashing.
  - v. A control device shall be used that is equivalent to a freeboard ratio greater than or equal to 0.7, a water cover, a refrigerated chiller, or carbon adsorption.

#### **Compliance demonstration method:**

Compliance will be satisfied by incorporation of the above requirements into the design of the parts washer, including a freeboard ratio greater than 0.7.

- b. Pursuant to 401 KAR 59:185 Section 3, Standard for Volatile Organic Compounds, and Section 4(2), Cold Cleaners, the permittee shall observe at all times the following operating requirements:
  - i. Waste solvent shall not be disposed of or transferred to another party so that greater than twenty (20) percent by weight of the waste solvent can evaporate into the atmosphere. Waste solvent shall be stored only in covered containers.
  - ii. Degreaser cover shall be closed if not handling parts in the cleaner.
  - iii. Cleaned parts shall be drained at least 15 seconds until dripping ceases.

#### **Compliance demonstration method:**

The permittee shall implement and follow an operating plan incorporating the above operating requirements.

**Permit Number:** <u>V-98-038</u> **Page:** <u>12</u> **of** <u>25</u>

# SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

- 06 (--) Bucket Parts Washer (continued)
- 2. <u>Emission Limitations</u>:

See General Condition 1 of SECTION D for annual VOC emission limit.

- **Testing Requirements:** None
- 4. **Specific Monitoring Requirements:** None
- 5. Specific Recordkeeping Requirements:

The permittee shall maintain records of the monthly usage in gallons and the VOC content of each solvent used.

**Specific Reporting Requirements:** 

See General Condition 2 under SECTION D for monthly VOC emissions reporting.

- 7. Specific Control Equipment Operating Conditions: None
- **8.** Alternate Operating Scenarios: None

**Permit Number:** <u>V-98-038</u> **Page:** <u>13</u> of <u>25</u>

# SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

**04-01,02** (--) **New Shop Painting** 

**Description:** Manually-operated spray cans, hand pump, and brushes

Aerosol Paint (A), Silicone Sealant (G), and White Paint (F)

Date Installed: 1995 Controls: None

#### **APPLICABLE REGULATIONS:**

401 KAR 59:010, New process operations which commenced on or after July 2, 1975.

401 KAR 59:225, New miscellaneous parts and products surface coating operations which commenced on or after February 4, 1981 and is located in a county designated in 401 KAR 51:010 as nonattainment for ozone for any classification except marginal.

#### 1. Operating Limitations:

a. Pursuant to Regulation 401 KAR 59:225 Section 6(1)(b), the volatile organic compounds (VOC) content of any coating, as applied, (excluding water or exempt solvent or both) used in the process shall not equal or exceed 3.5 lbs/gal in order to preclude applicability of control requirements of 401 KAR 59:225 Section 3. Clean-up solvent is not considered a coating.

### **Compliance demonstration method:**

Compliance will be determined through recordkeeping and reporting.

#### 2. Emission Limitations:

a. Pursuant to Regulation 401 KAR 59:010 Section 3(2), emissions of particulate matter shall not exceed 2.34 lbs/hr.

### **Compliance demonstration method:**

Compliance will be determined by recordkeeping and monthly calculations:

- i. The painting operation is assumed to be in continuous compliance between calculations of emissions.
- ii. Compliance shall be determined monthly by comparing the actual particulate emissions  $(E_{\text{Actual}})$  calculated from the equation below to the allowable emissions limit above.

$$E_{Actual}(\frac{lb}{hr}) = \frac{\sum [Monthly\ paint\ usage\ (\frac{gallons}{month})*\frac{lb\ solids}{gallon}]*(1-50\%\ transfer\ efficiency)}{Monthly\ hours\ of\ operation\ (\frac{hr}{month})}$$

b. Pursuant to 401 KAR 59:010 (3)(1)(a), Standards for Particulate Matter, there shall be no visible emissions greater than or equal to 20% opacity.

#### **Compliance demonstration methods:**

The painting operation is assumed to be in continuous compliance at all times with no compliance demonstration necessary.

c. Total VOC emissions shall not equal or exceed 86 tons per year, based on a 12-month rolling total, in order to preclude applicability of 401 KAR 51:052, Review of new sources in or impacting upon nonattainment areas.

**Permit Number:** <u>V-98-038</u> **Page:** <u>14</u> **of** <u>25</u>

# SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

### 04-01,02 (--) New Shop Painting (continued)

### **Compliance demonstration methods:**

Compliance will be determined monthly by recordkeeping and the following calculation, including all paints, thinners, and solvents used at this affected facility:

$$Total\ VOC\ (\frac{tons}{year}) = \sum \left[\frac{lb\ VOC}{gal} * \frac{gal\ used}{previous\ 12\ months}\right] * \frac{tons}{2000\ lb}$$

### 3. Testing Requirements:

- a. Pursuant to Regulations 401 KAR 59:010 4(1), Test Methods and Procedures, the Division may require the permittee to perform a Reference Method 5 test to determine emission rate of particulate matter.
- b. Pursuant to Regulations 401 KAR 59:010 (4)(6), Test Methods and Procedures, the Division may require the permittee to perform a Kentucky Method 150 (F-1) test to determine the opacity of intermittent emissions.
- c. Pursuant to Regulations 401 KAR 59:225 (4)(4), Compliance, the Division may require the permittee to use Reference Method 24, or other methods approved by the Division, to verify that the coatings used at an affected facility meet the exemption requirements in 401 KAR 59:225 (6).

# 4. Specific Monitoring Requirements: None

#### 5. Specific Recordkeeping Requirements:

- a. The permittee shall maintain records of the following information:
  - i. The solids content as applied in each coating
  - ii. The daily and monthly hours of operation of the stencil room painting.
- b. Pursuant to 401 KAR 59:225 (4)(8), Compliance, daily records shall be maintained by the permittee for 5 years (according to General Condition 2 under SECTION F). These records shall be made available to the Division or the U.S. EPA upon request. The daily records shall include, but not be limited to, the following:
  - i. Applicable administrative regulation number
  - ii. Application method and substrate type
  - iii. Amount and type of adhesive, coating, or solvent used at each point of application, including exempt compounds
  - iv. The VOC content as applied in each adhesive, coating, or solvent
  - v. The date for each application for adhesive, coating, or solvent
  - vi. The amount of surface preparation, cleanup, or washup solvent (including exempt compounds) used and the VOC content of each; and
  - vii. Oven temperature, if applicable.

## 6. **Specific Reporting Requirements:**

See General Condition 2 under SECTION D for monthly VOC emissions reporting.

- 7. Specific Control Equipment Operating Conditions: None
- **8.** Alternate Operating Scenarios: None

**Permit Number:** <u>V-98-038</u> **Page:** <u>15</u> **of** <u>25</u>

# **SECTION C - INSIGNIFICANT ACTIVITIES**

The following listed activities have been determined to be insignificant activities for this source pursuant to Regulation 401 KAR 50:035, Section 5(4). While these activities are designated as insignificant the permittee must comply with the applicable regulation and some minimal level of periodic monitoring may be necessary.

<u>Description</u>	Generally Applicable Regulation	
1. Paint Booth Direct Heater	None	
2. Dry Room Indirect Heaters	None	
3. Stencil Room Indirect Heaters	None	
4. Electric Arc Welding	401 KAR 59:010	
5. Arc Gouging	401 KAR 59:010	
6. Oxygen/Fuel Cutting	401 KAR 59:010	
7. Grinding	401 KAR 59:010	
8. New Shop Cold Cleaner Degreasers	401 KAR 59:185 exempt per 401 KAR 59:185 Section 8	
9. Caulking	401 KAR 59:010	
10. Fiberglass Work	None	
11. Office 270,000 Btu/hr Propane Heater	None	
12. Locker Room 180,000 Btu/hr Propane Heater	None	
13. 275 Gallon DEC Diesel Fuel Tank	None	
14. 275 Gallon DEC Gasoline Fuel Tank	None	
15. Diesel Locomotive Fuel Tank	None	
16. Paved/unpaved Road Dust	401 KAR 63:010	
17. (6) 1000 Gallon Propane Fuel Tanks	None	

**Permit Number:** <u>V-98-038</u> **Page:** <u>16</u> **of** <u>25</u>

# SECTION D - SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS

#### 1. Emission Limitations:

Total VOC emissions from Spray Paint Booth EP 02 (02), Stencil Room Painting EP 05 (--), and Bucket Parts Washer EP 06 (--) shall not equal or exceed 89 tons per year, based on a 12-month rolling total, in order to preclude applicability of 401 KAR 51:052, Review of new sources in or impacting upon nonattainment areas.

#### **Compliance demonstration methods:**

Compliance will be determined monthly by recordkeeping and the following calculation, including all paints, thinners, and solvents used at these affected facilities:

$$Total\ VOC\ (\frac{tons}{year}) = \sum \left[\frac{lb\ VOC}{gal} * \frac{gal\ used}{previous\ 12\ months}\right] * \frac{tons}{2000\ lb}$$

- 2. The permittee shall submit monthly reports to the Division within thirty days after the end of each month containing the following information for the Spray Paint Booth EP 02 (02), Stencil Room Painting EP 05 (--), and Bucket Parts Washer EP 06 (--); and for the New Shop Painting EP 04 (--):
- a. The monthly usage and VOC content of each paint, mixed paint system, and cleanup solvent used during the month
- b. The compliance calculations for the monthly total and rolling 12-month total VOC emissions.
- 3. Pursuant to 401 KAR 59:005 Section 3(2), the permittee shall maintain records of the occurrence, duration, and cause of any start-up, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a monitoring device is inoperative, for each affected facility in SECTION B.
- 4. Particulate and VOC emissions, as measured by methods referenced in 401 KAR 50:015, Section 1, shall not exceed the respective limitations specified herein.
- 5. Compliance with annual emissions and processing limitations imposed pursuant to 401 KAR 50:035, Section 7(1)(a), and contained in this permit, shall be based on emissions and processing rates for any twelve (12) consecutive months.

**Permit Number:** <u>V-98-038</u> **Page:** <u>17</u> **of** <u>25</u>

# SECTION E - SOURCE CONTROL EQUIPMENT REQUIREMENTS

1. Pursuant to 401 KAR 50:055, Section 2(5), at all times, including periods of startup, shutdown and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the division which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.



**Permit Number:** <u>V-98-038</u> **Page:** <u>18</u> **of** <u>25</u>

# SECTION F - MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS

- 1. When continuing compliance is demonstrated by periodic testing or instrumental monitoring, the permittee shall compile records of required monitoring information that include:
- a. Date, place as defined in this permit, and time of sampling or measurements.
- b. Analyses performance dates;
- c. Company or entity that performed analyses;
- d. Analytical techniques or methods used;
- e. Analyses results; and
- f. Operating conditions during time of sampling or measurement;
- 2. Records of all required monitoring data and support information, including calibrations, maintenance records, and original strip chart recordings, and copies of all reports required by the Division for Air Quality, shall be retained by the permittee for a period of five years and shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality. [401 KAR 50:035, Permits, Section 7(1)(d)2 and 401 KAR 50:035, Permits, Section 7(2)(c)]
- 3. In accordance with the requirements of Regulation 401 KAR 50:035, Permits, Section 7(2)(c) the permittee shall allow the Cabinet or authorized representatives to perform the following:
- a. Enter upon the premises where a source is located or emissions-related activity is conducted, or where records are kept;
- b. Have access to and copy, at reasonable times, any records required by the permit:
  - i. During normal office hours, and
  - ii. During periods of emergency when prompt access to records is essential to proper assessment by the Cabinet;
- c. Inspect, at reasonable times, any facilities, equipment (including monitoring and pollution control equipment), practices, or operations required by the permit. Reasonable times shall include, but are not limited to the following:
  - i. During all hours of operation at the source,
  - ii. For all sources operated intermittently, during all hours of operation at the source and the hours between 8:00 a.m. and 4:30 p.m., Monday through Friday, excluding holidays, and
  - iii. During an emergency; and
- d. Sample or monitor, at reasonable times, substances or parameters to assure compliance with the permit or any applicable requirements. Reasonable times shall include, but are not limited to the following:
  - i. During all hours of operation at the source,
  - ii. For all sources operated intermittently, during all hours of operation at the source and the hours between 8:00 a.m. and 4:30 p.m., Monday through Friday, excluding holidays, and
  - iii. During an emergency.
- 4. No person shall obstruct, hamper, or interfere with any Cabinet employee or authorized representative while in the process of carrying out official duties. Refusal of entry or access may constitute grounds for permit revocation and assessment of civil penalties.

**Permit Number:** <u>V-98-038</u> **Page:** <u>19</u> **of** <u>25</u>

# SECTION F - MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS (CONTINUED)

- 5. Reports of any monitoring required by this permit, other than continuous emission or opacity monitors, shall be reported to the Division's Florence Regional Office no later than the six-month anniversary date of this permit and every six months thereafter during the life of this permit, unless otherwise stated in this permit. Data from the continuous emission and opacity monitors shall be reported to the Technical Services Branch in accordance with the requirements of Regulation 401 KAR 59:005, General Provisions, Section 3(3). All reports shall be certified by a responsible official pursuant to Section 6(1) of Regulation 401 KAR 50:035, Permits. All deviations from permit requirements shall be clearly identified in the reports.
- 6. a. In accordance with the provisions of Regulation 401 KAR 50:055, Section 1 the owner or operator shall notify the Division for Air Quality's Florence Regional Office concerning startups, shutdowns, or malfunctions as follows:
  - 1. When emissions during any planned shutdowns and ensuing startups will exceed the standards, notification shall be made no later than three (3) days before the planned shutdown, or immediately following the decision to shut down, if the shutdown is due to events which could not have been foreseen three (3) days before the shutdown.
  - 2. When emissions due to malfunctions, unplanned shutdowns and ensuing startups are or may be in excess of the standards, notification shall be made as promptly as possible by telephone (or other electronic media) and shall cause written notice upon request.
  - b. In accordance with the provisions of Regulation 401 KAR 50:035, Section 7(1)(e)2, the owner or operator shall promptly report deviations from permit requirements including those attributed to upset conditions (other than emission exceedances covered by general condition 6 a. above) to the Division for Air Quality's Florence Regional Office. Prompt reporting shall be defined as follows:
    - i. For short-term (less than 3 hours durations) excursions from, or failure to record the parameters used to monitor the performance of control devices, the permittee shall include a summary of the excursions in the bi-annual reporting required by Condition 5 of SECTION F.
    - ii. For longer periods of excursion(s) or inability to record monitoring parameters, the permittee shall contact the Florence Regional office within 72 hours (excluding weekends and holidays).
    - iii. In the event that the permittee is unable to fulfill a requirement (such as a performance test, compliance certification submittal) within the timeframe specified herein, the permittee shall contact the Florence Regional Office and the Frankfort Central office within 72 hours of expiration of the relevant timeframe. Extensions of the timeframes specified herein may be granted by the Division upon a satisfactory request showing that an extension is justified.

**Permit Number:** <u>V-98-038</u> **Page:** <u>20</u> **of** <u>25</u>

# SECTION F - MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS (CONTINUED)

- 7. Pursuant to Regulation 401 KAR 50:035, Permits, Section 7(2)(b), the permittee shall certify compliance with the terms and conditions contained in this permit, annually on the permit issuance anniversary date by completing and returning a Compliance Certification Form (DEP 7007CC) (or an approved alternative) to the Division for Air Quality's Florence Regional Office and the U.S. EPA in accordance with the following requirements:
- a. Identification of each term or condition of the permit that is the basis of the certification;
- b. The compliance status regarding each term or condition of the permit;
- c. Whether compliance was continuous or intermittent; and
- d. The method used for determining the compliance status for the source, currently and over the reporting period, pursuant to 401 KAR 50:035, Section 7(1)(c),(d), and (e).
- e. The certification shall be postmarked by the thirtieth (30) day following the applicable permit issuance anniversary date.

Annual compliance certifications should be mailed to the following addresses:

Division for Air Quality

Florence Regional Office

7965 Kentucky Drive, Suite #8

U.S. EPA Region IV

Air Enforcement Branch

Atlanta Federal Center

Florence, KY 41042 61 Forsyth St.

Atlanta, GA 30303-8960

- 8. In accordance with Regulation 401 KAR 50:035, Section 23, the permittee shall provide the division with all information necessary to determine its subject emissions within thirty (30) days of the date the KEIS emission report is mailed to the permittee.
- 9. Pursuant to Section VII.3 of the policy manual of the Division for Air Quality as referenced by Regulation 401 KAR 50:016, Section 1(1), results of performance test(s) required by the permit shall be submitted to the division by the source or its representative within forty-five days after the completion of the fieldwork.

**Permit Number:** <u>V-98-038</u> **Page:** <u>21</u> **of** <u>25</u>

### **SECTION G - GENERAL CONDITIONS**

## (a) <u>General Compliance Requirements</u>

1. The permittee shall comply with all conditions of this permit. A noncompliance shall be (a) violation(s) of state regulation 401 KAR 50:035, Permits, Section 7(3)(d) and for federally enforceable permits is also a violation of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act) and is grounds for enforcement action including but not limited to the termination, revocation and reissuance, or revision of this permit.

- 2. The filing of a request by the permittee for any permit revision, revocation, reissuance, or termination, or of a notification of a planned change or anticipated noncompliance, shall not stay any permit condition.
- 3. This permit may be revised, revoked, reopened and reissued, or terminated for cause. The permit will be reopened for cause and revised accordingly under the following circumstances:
- a. If additional applicable requirements become applicable to the source and the remaining permit term is three (3) years or longer. In this case, the reopening shall be completed no later than eighteen (18) months after promulgation of the applicable requirement. A reopening shall not be required if compliance with the applicable requirement is not required until after the date on which the permit is due to expire, unless this permit or any of its terms and conditions have been extended pursuant to Regulation 401 KAR 50:035, Section 12(2)(c);
- b. The Cabinet or the U. S. EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements;
- c. The Cabinet or the U. S. EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit;

Proceedings to reopen and reissue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Reopenings shall be made as expeditiously as practicable. Reopenings shall not be initiated before a notice of intent to reopen is provided to the source by the division, at least thirty (30) days in advance of the date the permit is to be reopened, except that the division may provide a shorter time period in the case of an emergency.

- 4. The permittee shall furnish to the division, in writing, information that the division may request to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit. [401 KAR 50:035, Permits, Section 7(2)(b)3e and 401 KAR 50:035, Permits, Section 7(3)(j)]
- 5. The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to the permitting authority.
- 6. Any condition or portion of this permit which becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this permit. [401 KAR 50:035, Permits, Section 7(3)(k)]

**Permit Number:** <u>V-98-038</u> **Page:** <u>22</u> **of** <u>25</u>

# **SECTION G - GENERAL CONDITIONS (CONTINUED)**

7. The permittee shall not use as a defense in an enforcement action the contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance. [401 KAR 50:035, Permits, Section 7(3)(e)]

- 8. Except as identified as state-origin requirements in this permit, all terms and conditions contained herein shall be enforceable by the United States Environmental Protection Agency and citizens of the United States.
- 9. This permit shall be subject to suspension if the permittee fails to pay all emissions fees within 90 days after the date of notice as specified in 401 KAR 50:038, Section 3(6). [401 KAR 50:035, Permits, Section 7(3)(h)]
- 10. Nothing in this permit shall alter or affect the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance. [401 KAR 50:035, Permits, Section 8(3)(b)]
- 11. This permit shall not convey property rights or exclusive privileges. [401 KAR 50:035, Permits, Section 7 (3)(g)]
- 12. Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by the Kentucky Cabinet for Natural Resources and Environmental Protection or any other federal, state, or local agency.
- 13. Nothing in this permit shall alter or affect the authority of U.S. EPA to obtain information pursuant to Federal Statute 42 USC 7414, Inspections, monitoring, and entry. [401 KAR 50:035, Permits, Section 7(2)(b)5]
- 14. Nothing in this permit shall alter or affect the authority of U.S. EPA to impose emergency orders pursuant to Federal Statute 42 USC 7603, Emergency orders. [401 KAR 50:035, Permits, Section 8(3)(a)]
- 15 <u>Permit Shield</u>: Except as provided in State Regulation 401 KAR 50:035, Permits, compliance by the affected facilities listed herein with the conditions of this permit shall be deemed to be compliance with all applicable requirements identified in this permit as of the date of issuance of this permit.
- 16. All previously issued construction and operating permits are hereby null and void.

**Permit Number:** <u>V-98-038</u> **Page:** <u>23</u> of <u>25</u>

# **SECTION G - GENERAL CONDITIONS (CONTINUED)**

# (b) Permit Expiration and Reapplication Requirements

This permit shall remain in effect for a fixed term of five (5) years following the original date of issue. Permit expiration shall terminate the source's right to operate unless a timely and complete renewal application has been submitted to the division at least six months prior to the expiration date of the permit. Upon a timely and complete submittal, the authorization to operate within the terms and conditions of this permit, including any permit shield, shall remain in effect beyond the expiration date, until the renewal permit is issued or denied by the Division. [401 KAR 50:035, Permits, Section 12]

#### (c) Permit Revisions

- 1. A minor permit revision procedure may be used for permit revisions involving the use of economic incentive, marketable permit, emission trading, and other similar approaches, to the extent that these minor permit revision procedures are explicitly provided for in the SIP or in applicable requirements and meet the relevant requirements of Regulation 401 KAR 50:035, Section 15.
- 2. This permit is not transferable by the permittee. Future owners and operators shall obtain a new permit from the Division for Air Quality. The new permit may be processed as an administrative amendment if no other change in this permit is necessary, and provided that a written agreement containing a specific date for transfer of permit responsibility coverage and liability between the current and new permittee has been submitted to the permitting authority thirty (30) days in advance of the transfer.
- (d) <u>Construction, Start-Up, and Initial Compliance Demonstration Requirements</u> Not Applicable

## (e) Acid Rain Program Requirements

1. If an applicable requirement of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act) is more stringent than an applicable requirement promulgated pursuant to Federal Statute 42 USC 7651 through 7651o (Title IV of the Act), both provisions shall apply, and both shall be state and federally enforceable.

# (f) Emergency Provisions

- 1. An emergency shall constitute an affirmative defense to an action brought for noncompliance with the technology-based emission limitations if the permittee demonstrates through properly signed contemporaneous operating logs or other relevant evidence that:
- a. An emergency occurred and the permittee can identify the cause of the emergency;
- b. The permitted facility was at the time being properly operated;
- c. During an emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; and,

**Permit Number:** <u>V-98-038</u> **Page:** <u>24</u> **of** <u>25</u>

# **SECTION G - GENERAL CONDITIONS (CONTINUED)**

d. The permittee notified the division as promptly as possible and submitted written notice of the emergency to the division within two working days after the time when emission limitations were exceeded due to the emergency. The notice shall meet the requirements of 401 KAR 50:035, Permits, Section 7(1)(e)2, and include a description of the emergency, steps taken to mitigate emissions, and the corrective actions taken. This requirement does not relieve the source of any other local, state or federal notification requirements.

- 2. Emergency conditions listed in General Condition (f)1 above are in addition to any emergency or upset provision(s) contained in an applicable requirement.
- 3. In an enforcement proceeding, the permittee seeking to establish the occurrence of an emergency shall have the burden of proof. [401 KAR 50:035, Permits, Section 9(3)]

# (g) Risk Management Provisions

- 1. The permittee shall comply with all applicable requirements of 40 CFR Part 68, Risk Management Plan provisions. If required, the permittee shall:
- a. Submit a Risk Management Plan to U.S.EPA, Region IV with a copy to this division and comply with the Risk Management Program by June 21, 1999 or a later date specified by the U.S.EPA.
- b. Submit additional relevant information if requested by the division or the U.S. EPA.

#### (h) Ozone depleting substances

- 1. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
- a. Persons opening appliances for maintenance, service, repair, or disposal shall comply with the required practices contained in 40 CFR 82.156.
- b. Equipment used during the maintenance, service, repair, or disposal of appliances shall comply with the standards for recycling and recovery equipment contained in 40 CFR 82.158.
- c. Persons performing maintenance, service, repair, or disposal of appliances shall be certified by an approved technician certification program pursuant to 40 CFR 82.161.
- d. Persons disposing of small appliances, MVACs, and MVAC-like appliances (as defined at 40 CFR 82.152) shall comply with the recordkeeping requirements pursuant to 40 CFR 82.166.
- e. Persons owning commercial or industrial process refrigeration equipment shall comply with the leak repair requirements pursuant to 40 CFR 82.156.
- f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant shall keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.
- 2. If the permittee performs service on motor (fleet) vehicle air conditioners containing ozone-depleting substances, the source shall comply with all applicable requirements as specified in 40 CFR 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

**Permit Number:** <u>V-98-038</u> **Page:** <u>25</u> **of** <u>25</u>

# **SECTION H - ALTERNATE OPERATING SCENARIOS**

Not applicable

# **SECTION I - COMPLIANCE SCHEDULE**

Not applicable

